2004-7h2308F

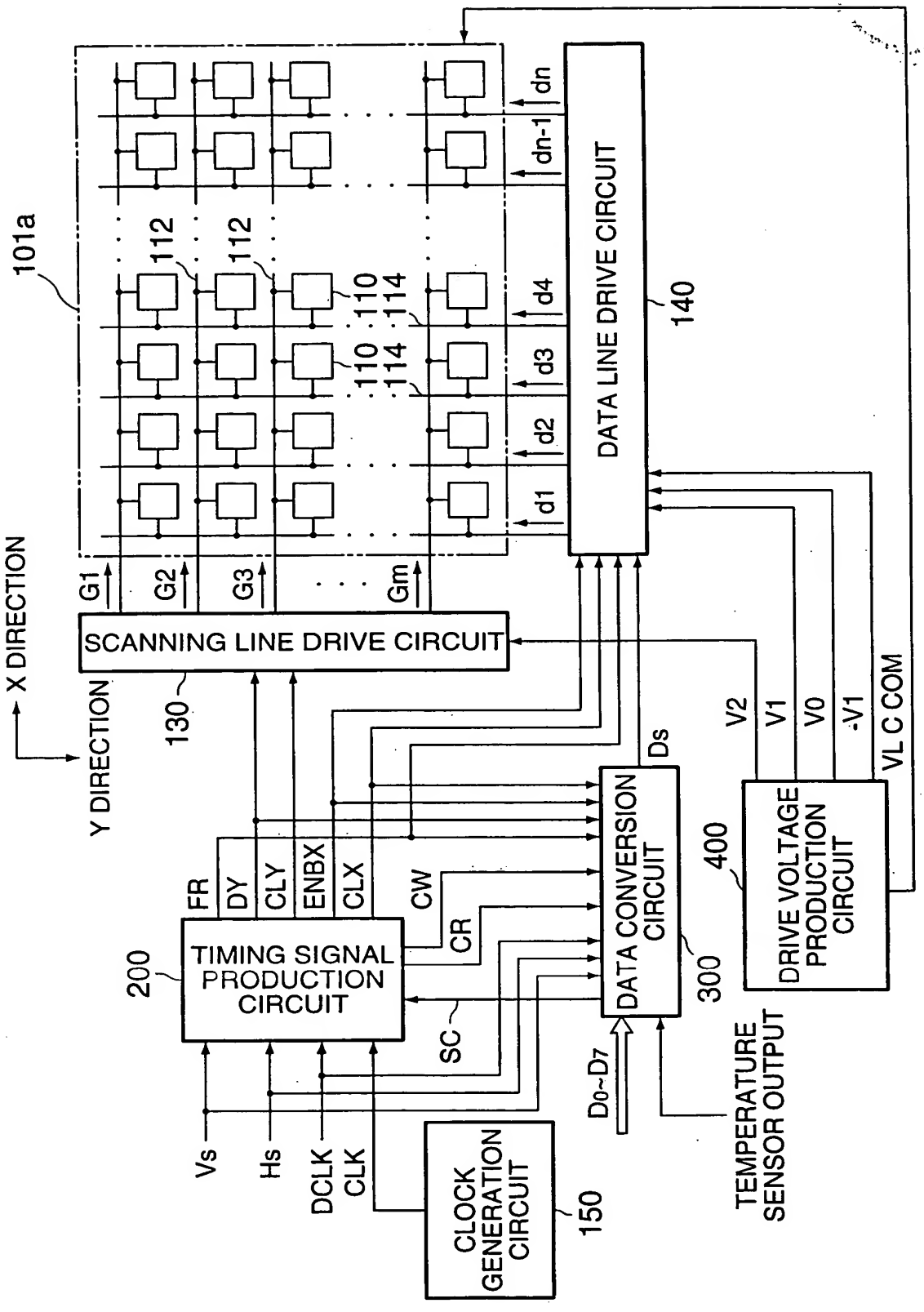


FIG. 1

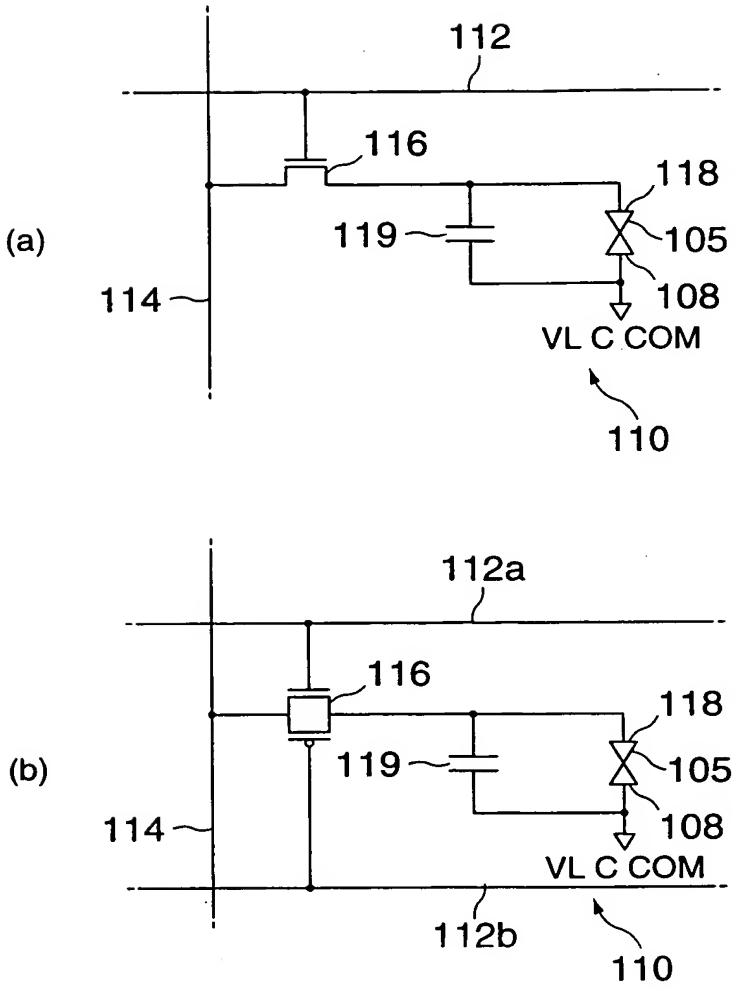

(a)
112
116
118
119
105
114
108
VL C COM
110
(b)
112a
116
118
119
105
114
108
VL C COM
112b
110

FIG. 2

EPO/EPT 1405 02.92

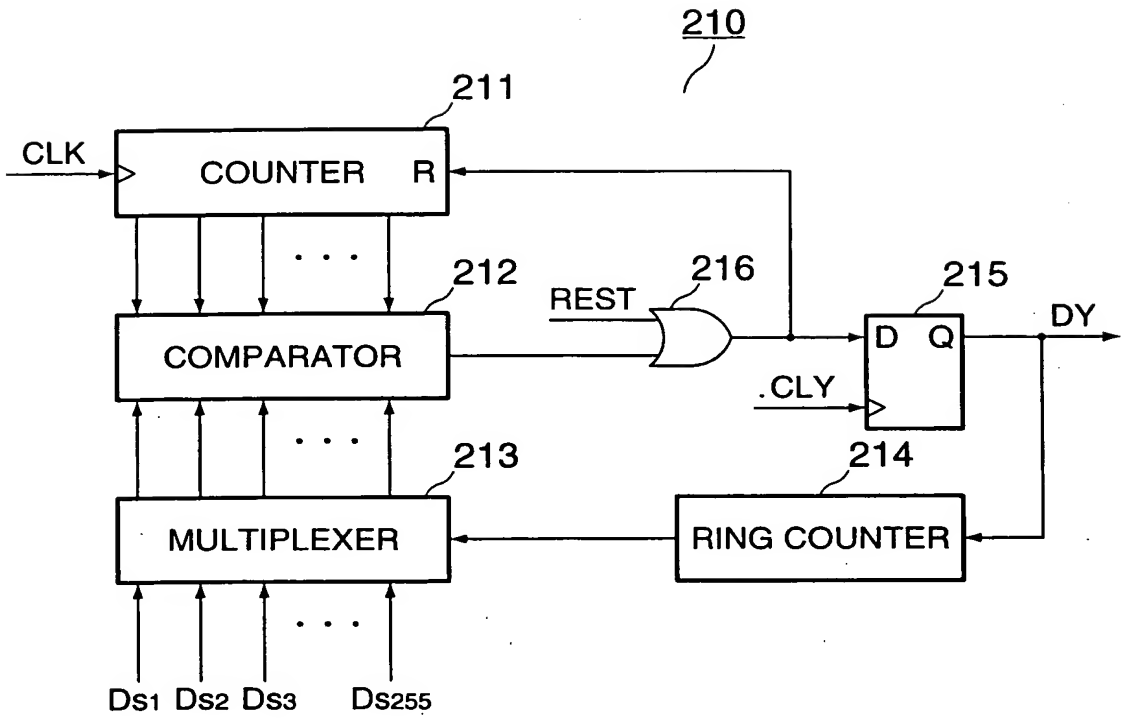


FIG. 3

200F20 "Thu 29 Oct

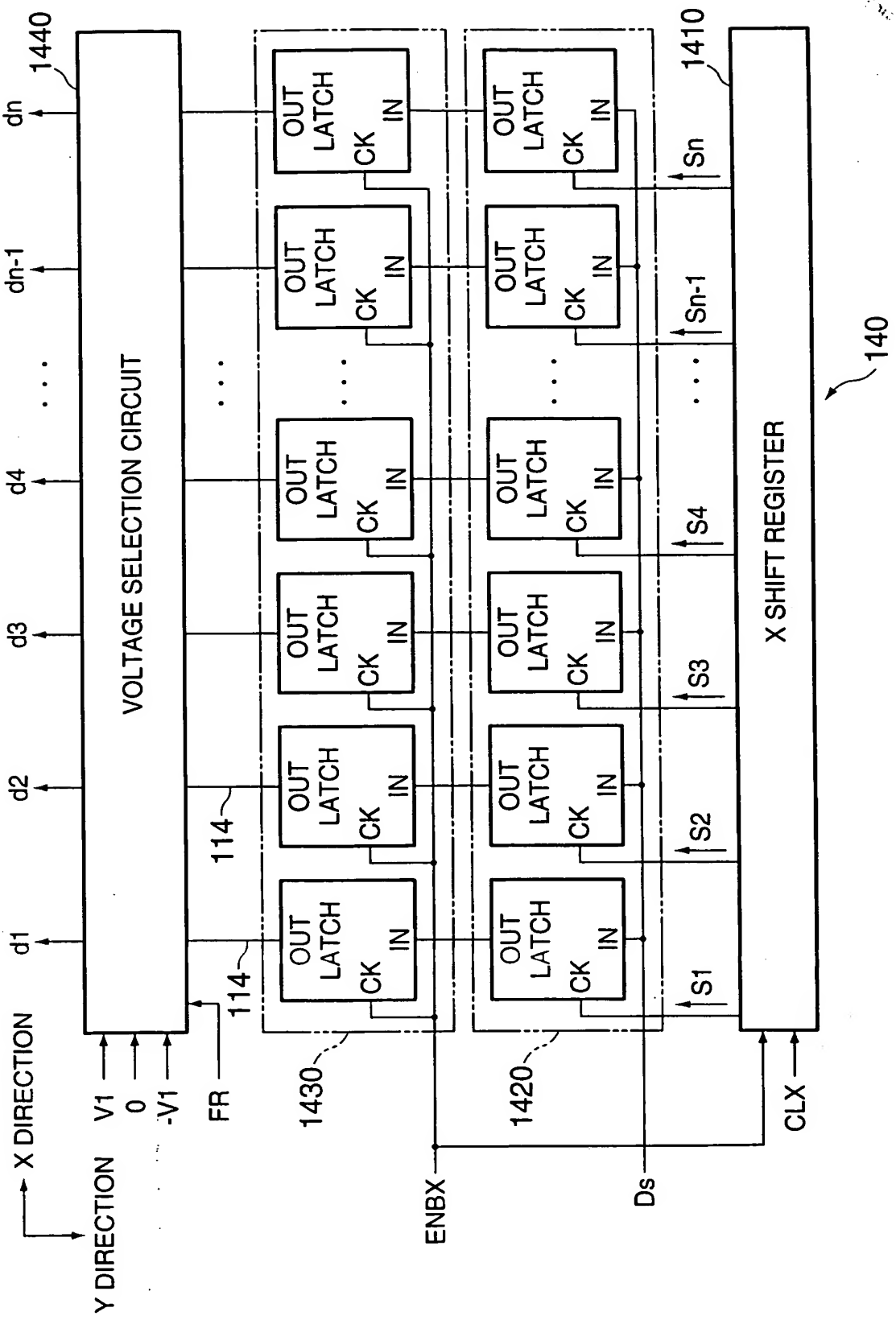


FIG. 4

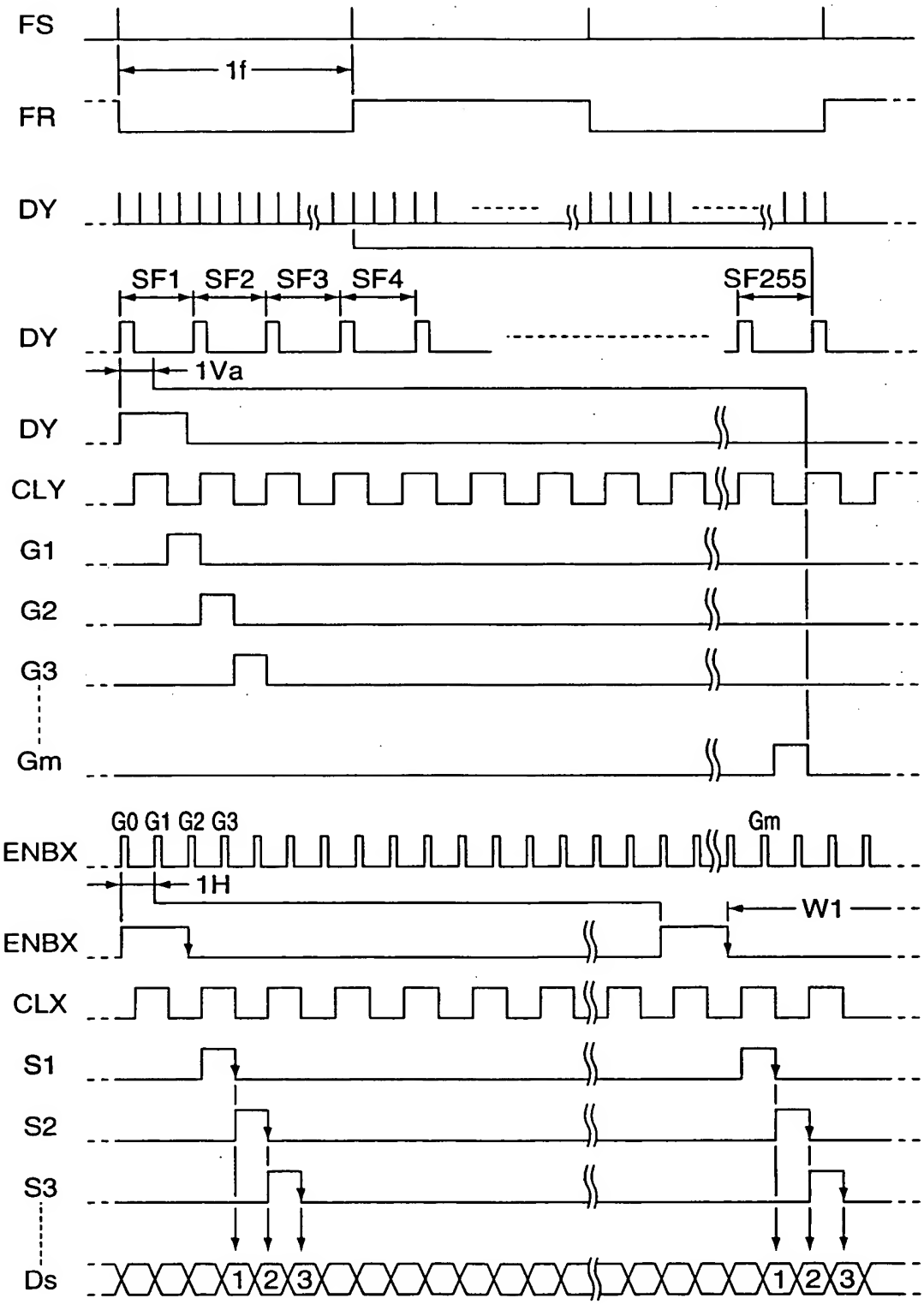
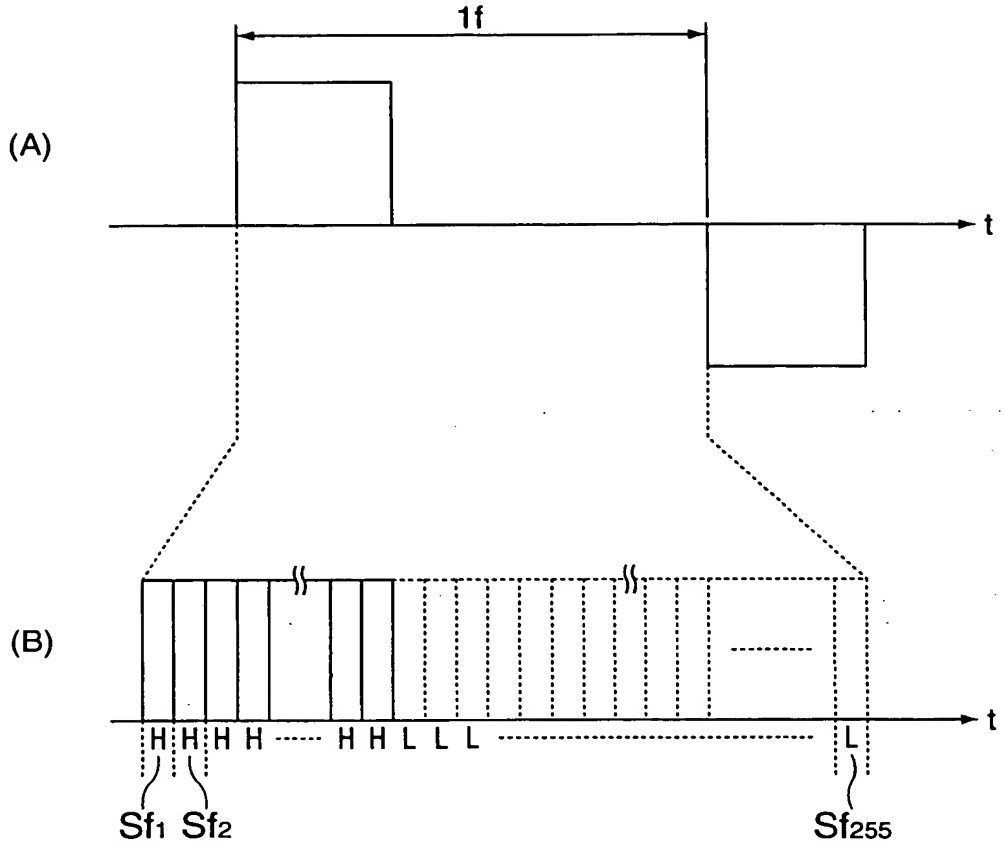

FS
1f
FR
DY
SF1
SF2
SF3
SF4
SF255
DY
1Va
DY
CLY
G1
G2
G3
Gm
G0 G1 G2 G3
Gm
ENBX
1H
W1
ENBX
CLX
S1
S2
S3
Ds
1
2
3
1
2
3

FIG. 5



H : WRITING PIXEL DATA
L : WITHOUT WRITING PIXEL DATA
Sf1~Sf255 : SUBFIELDS
1f : FIELD

FIG. 6

2007.10.17 05:44:07 T

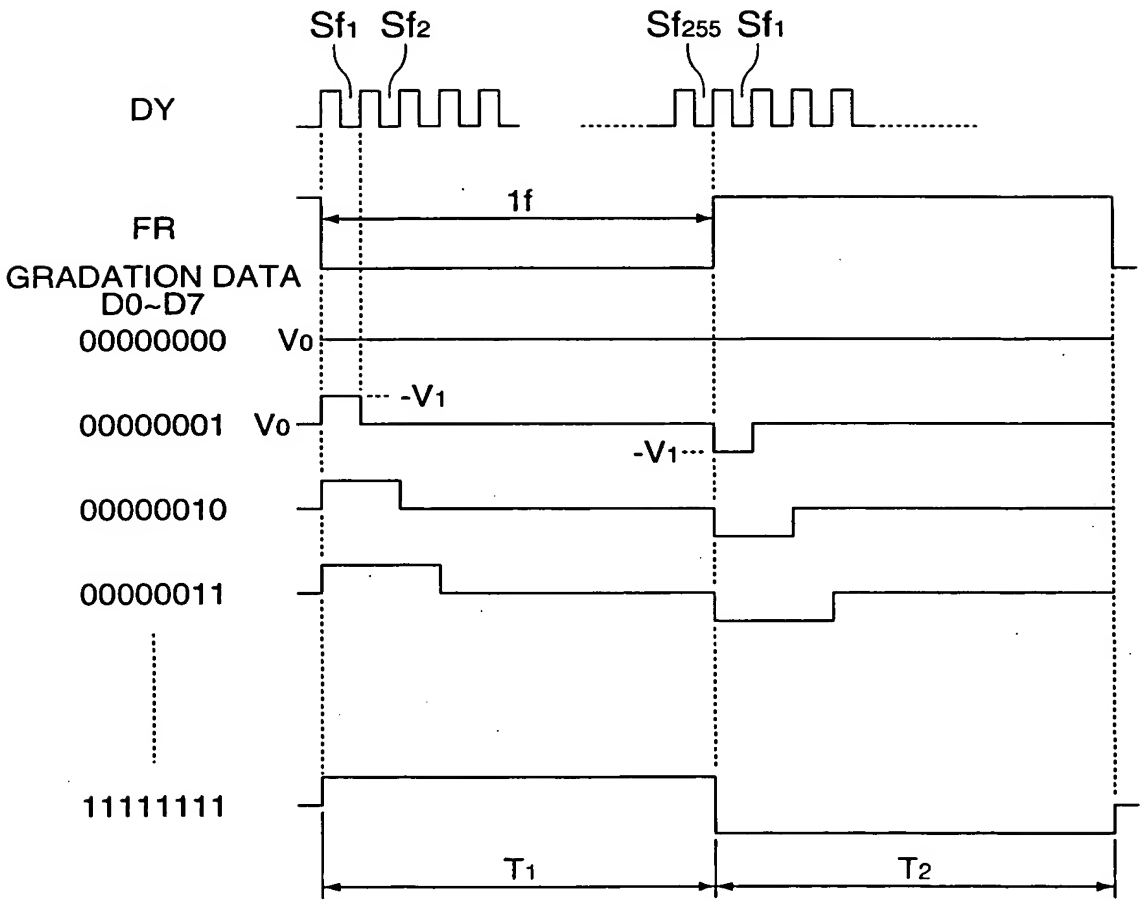
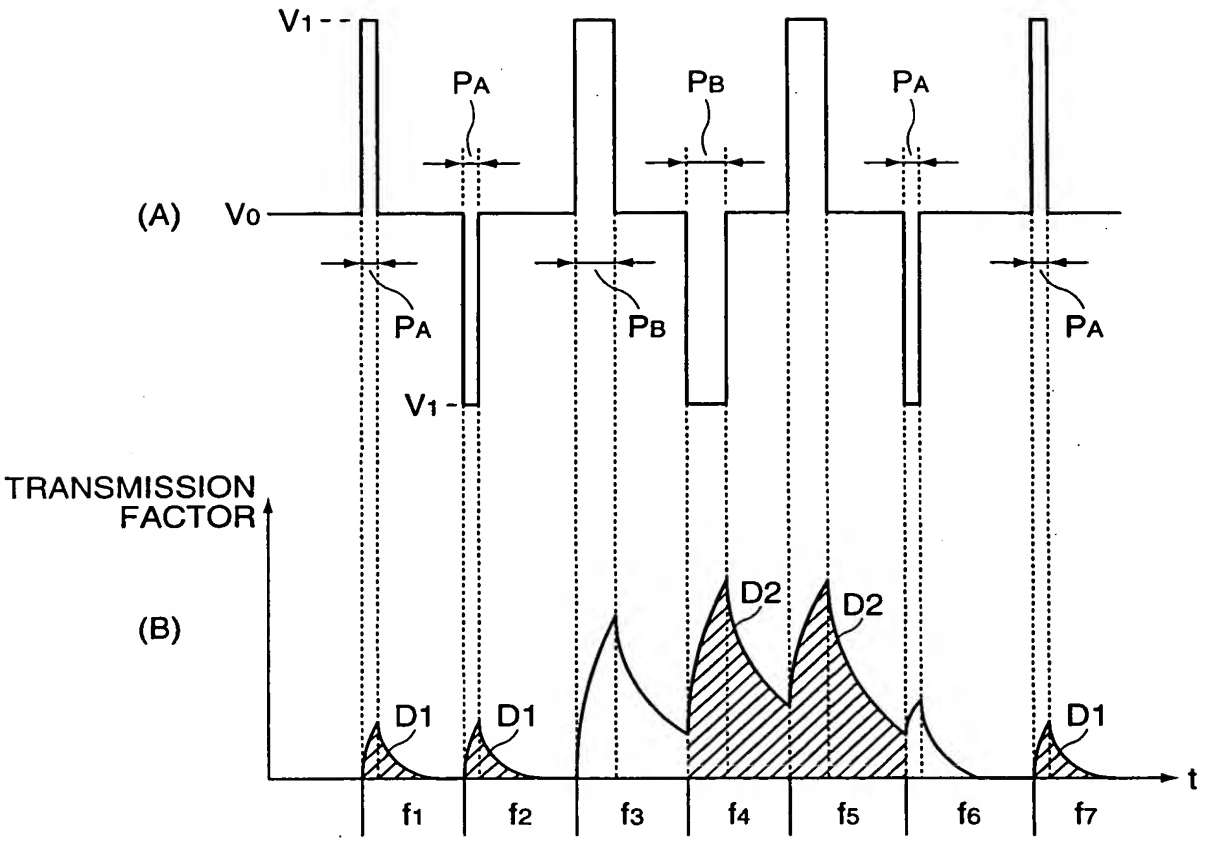


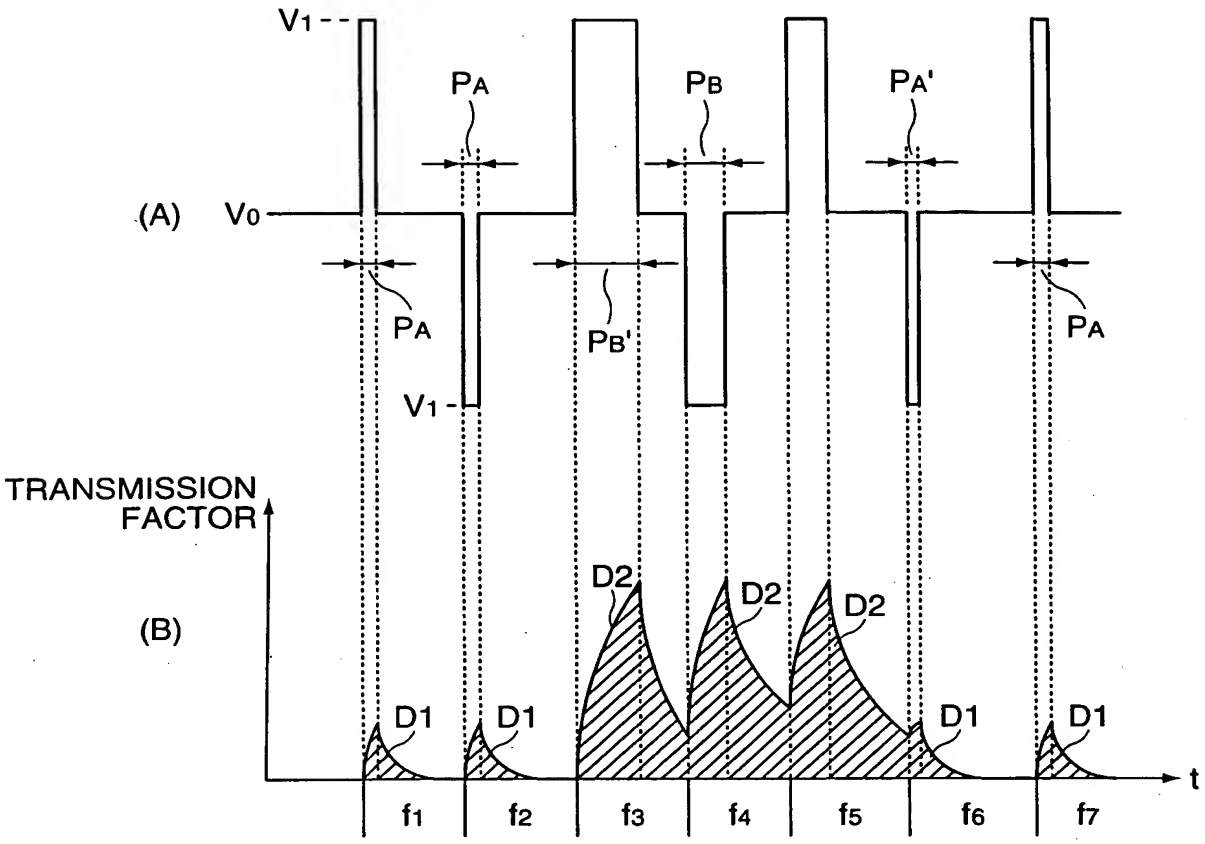
FIG. 7

2005-Th-2907



f1 (i=1~7) : FIELD
PA, PB : PULSE WIDTH
D1, D2 : GRADATION

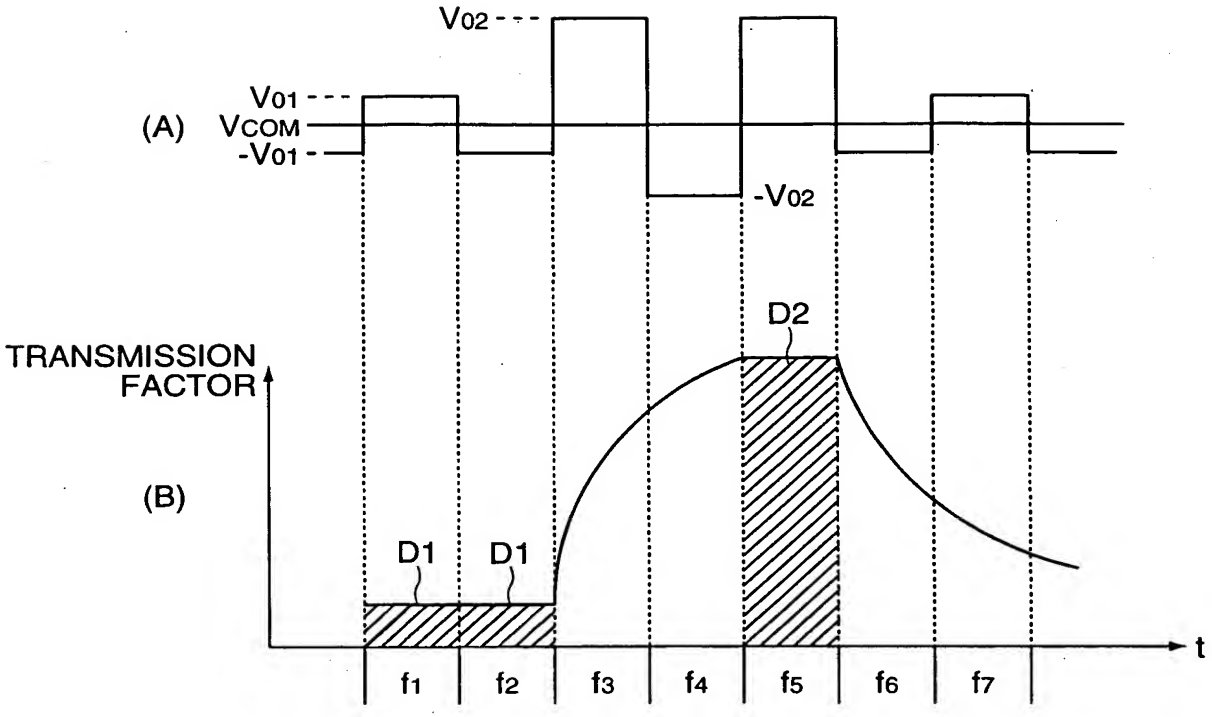
FIG. 8



PA, PB : PULSE WIDTH { PB' =PBX1.3 f1 (i=1~7) : FIELD
PA' =PAX0.7 D1, D2 : GRADATION

FIG. 9

20061744 07.10.02



f1 (i=1~7) : FIELD
D1, D2 : GRADATION

FIG. 10

2007/0" Thh2900T

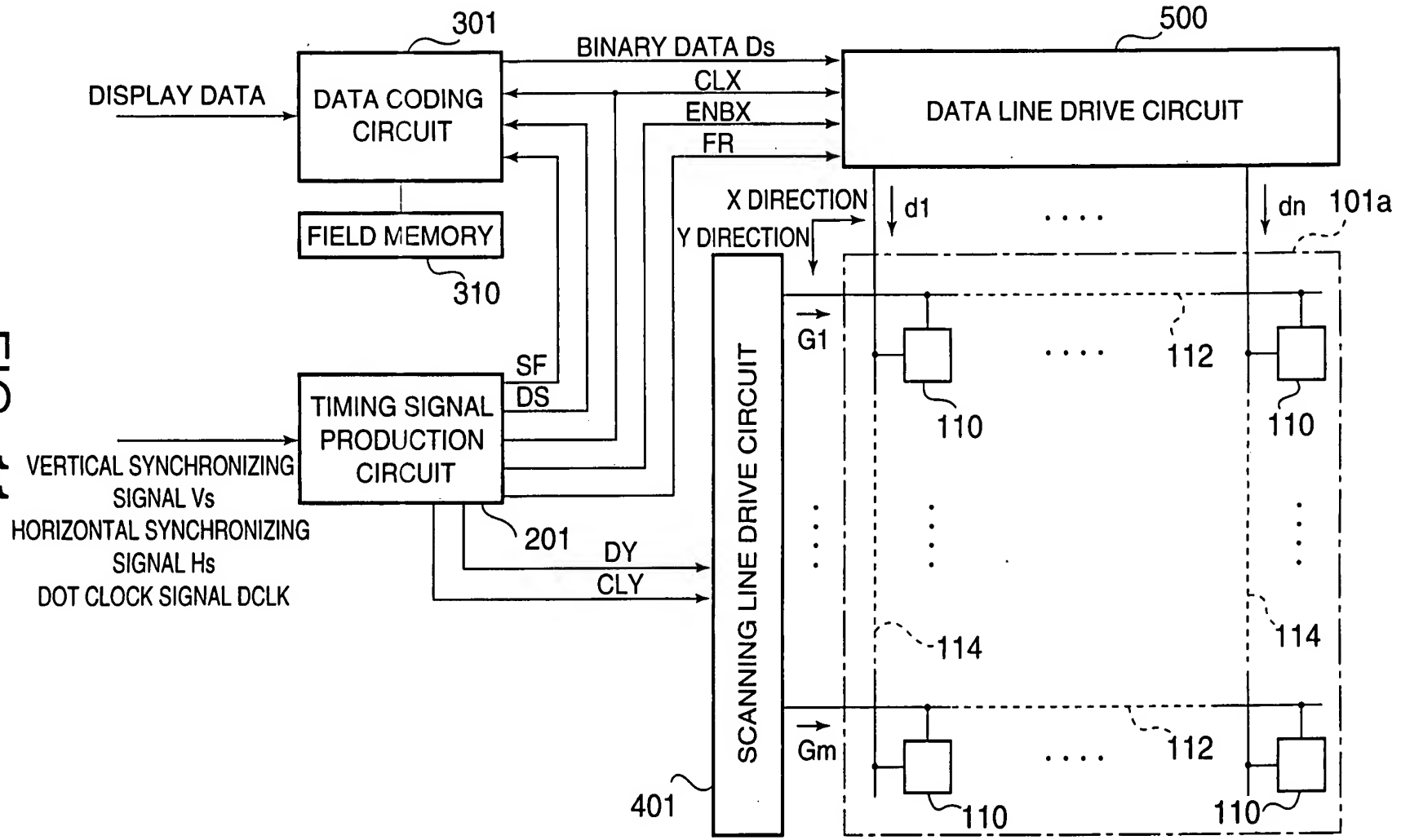


FIG. 11

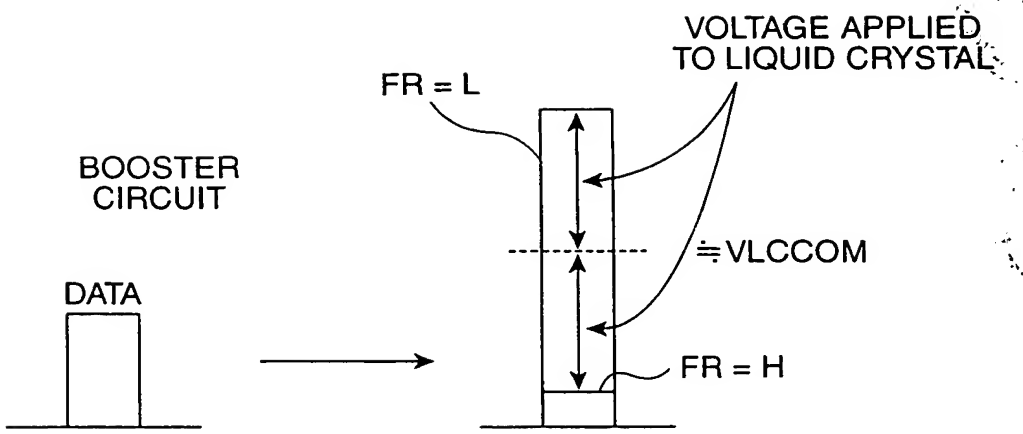

VOLTAGE APPLIED
TO LIQUID CRYSTAL
FR = L
BOOSTER
CIRCUIT
≒VLCCOM
DATA
FR = H

FIG.12

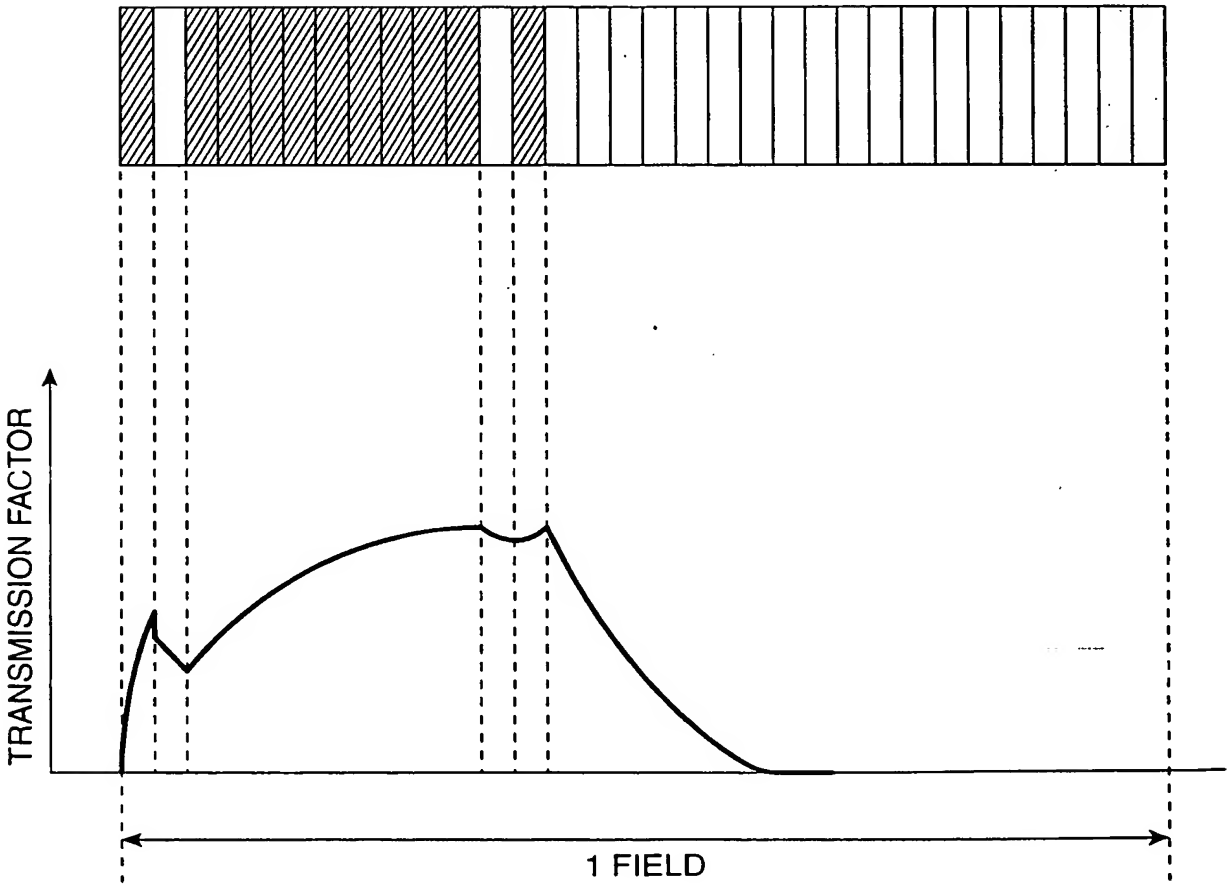

TRANSMISSION FACTOR
1 FIELD

FIG.13

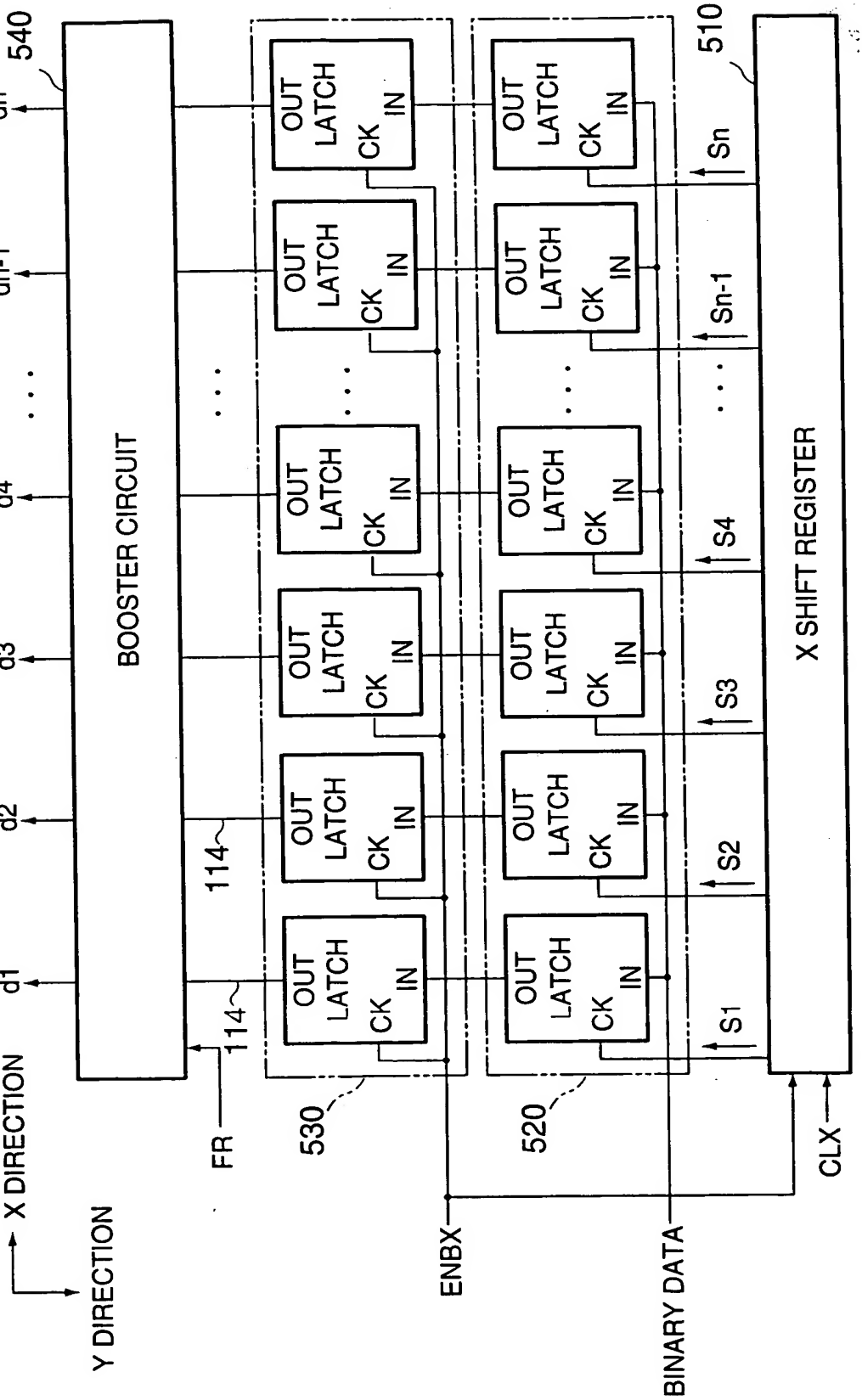

540
dn
dn-1
d4
d3
d2
d1
BOOSTER CIRCUIT
114
114
FR
530
520
OUT LATCH
CK
IN
510
Sn
Sn-1
S4
S3
S2
S1
X SHIFT REGISTER
CLX
ENBX
BINARY DATA
X DIRECTION
Y DIRECTION

FIG. 14

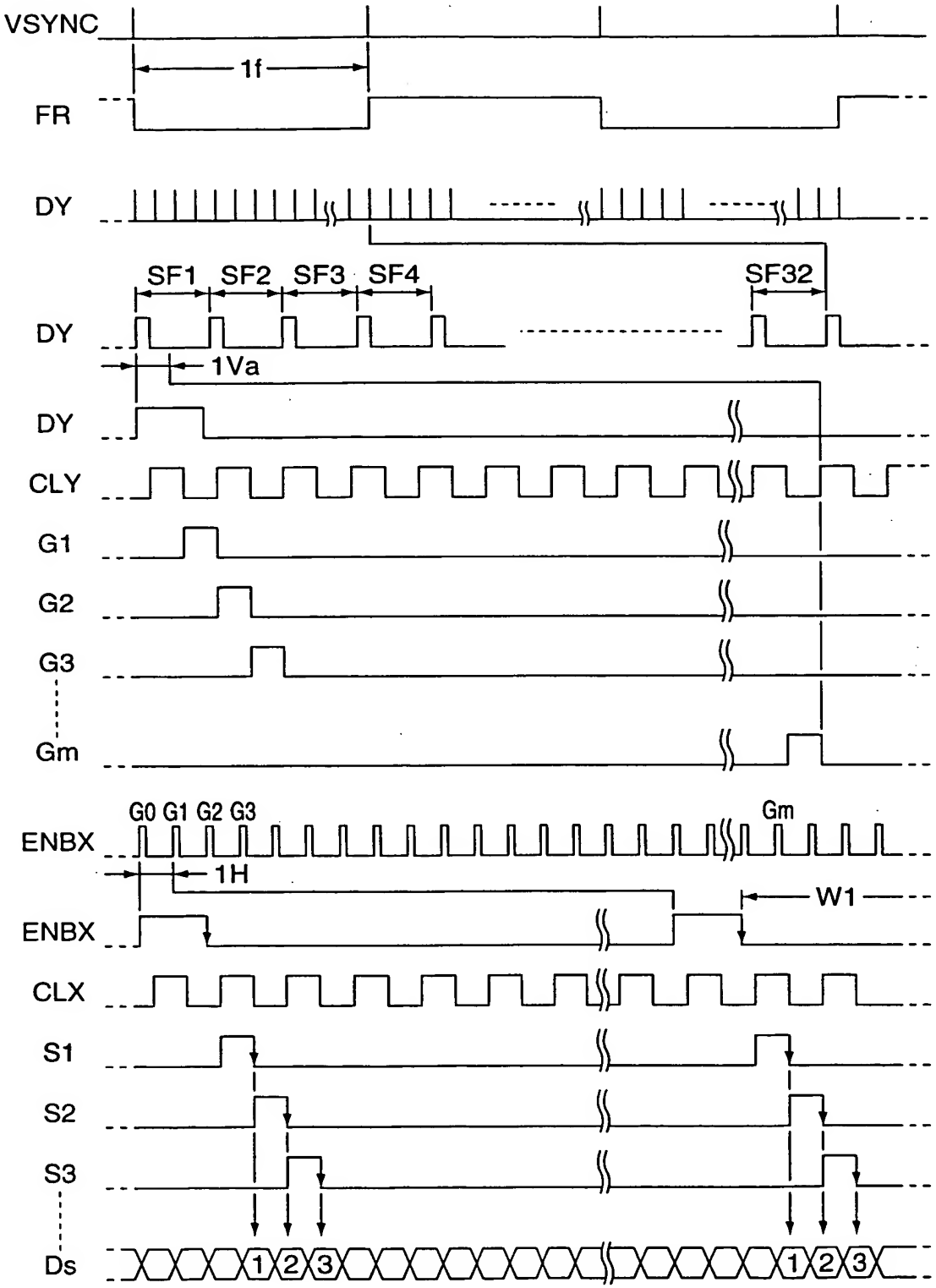

VSYNC
1f
FR
DY
SF1
SF2
SF3
SF4
SF32
DY
1Va
DY
CLY
G1
G2
G3
Gm
G0 G1 G2 G3
Gm
ENBX
1H
W1
ENBX
CLX
S1
S2
S3
Ds
1
2
3
1
2
3

FIG. 15

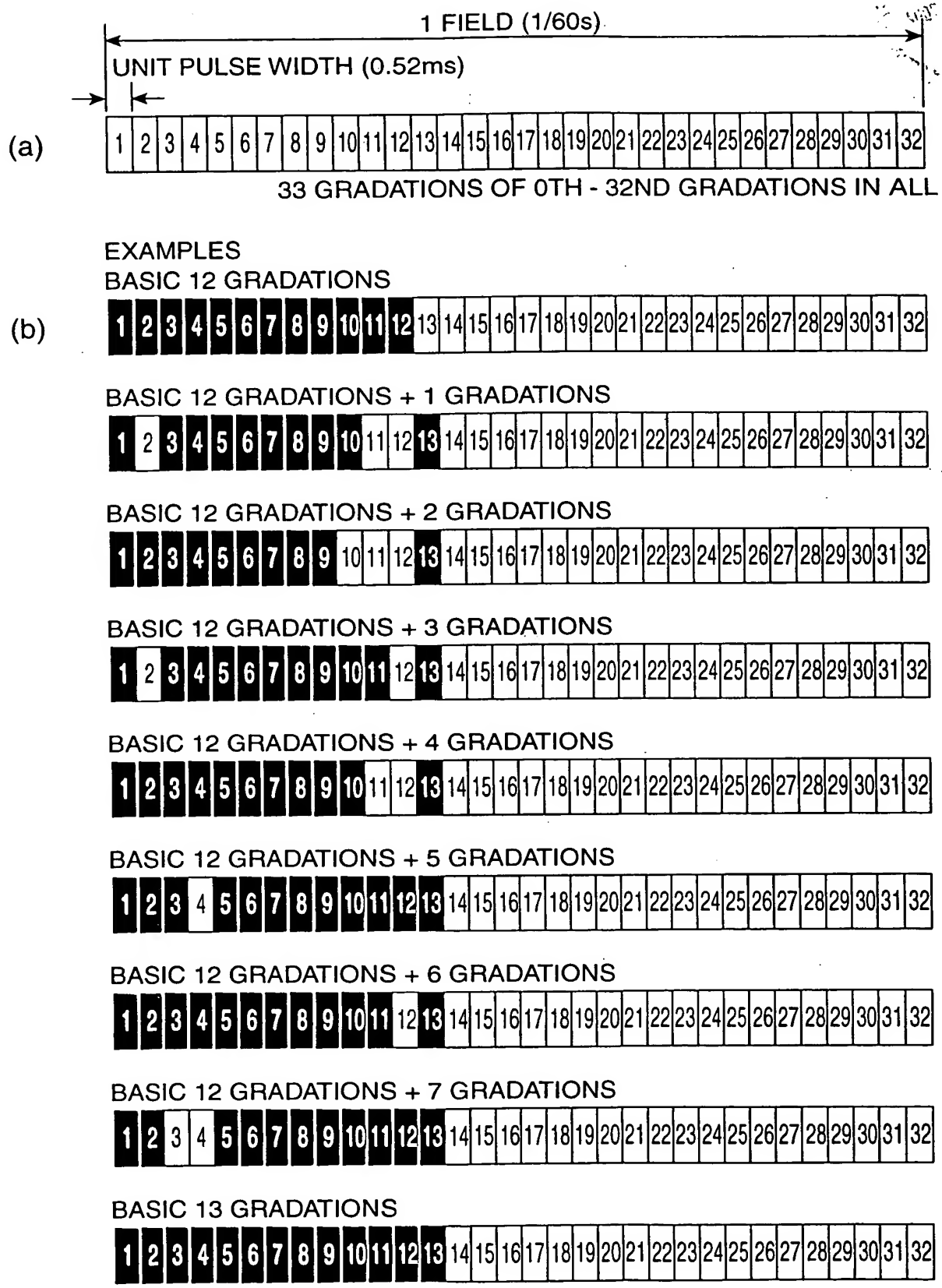


FIG.16

2004-074900

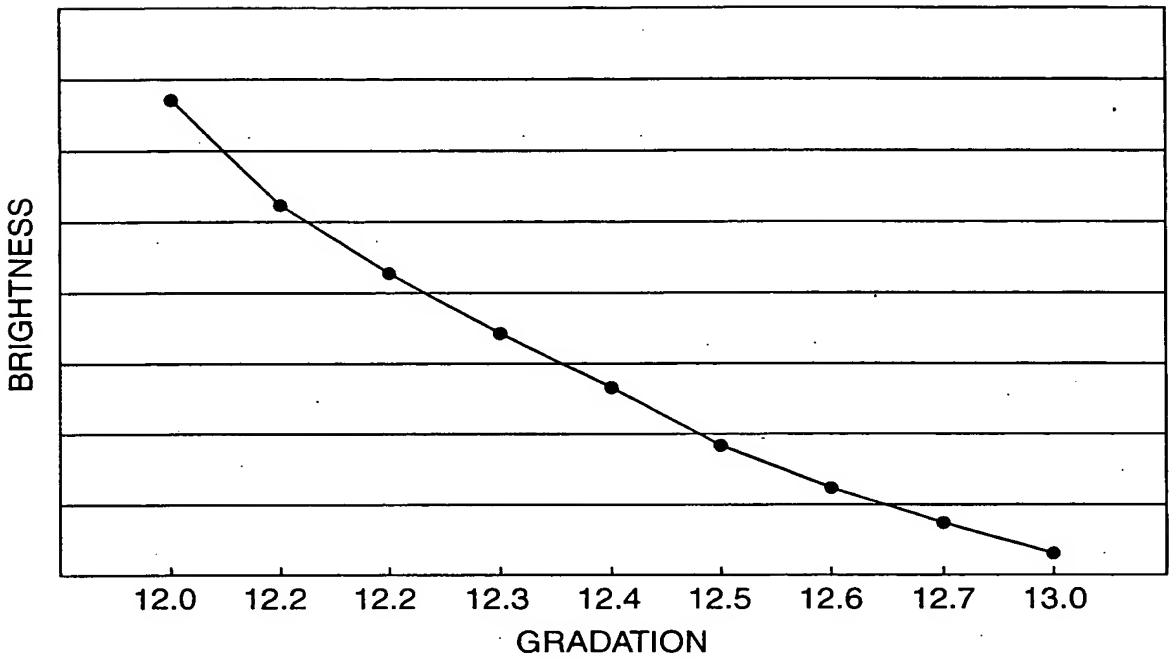


FIG.17

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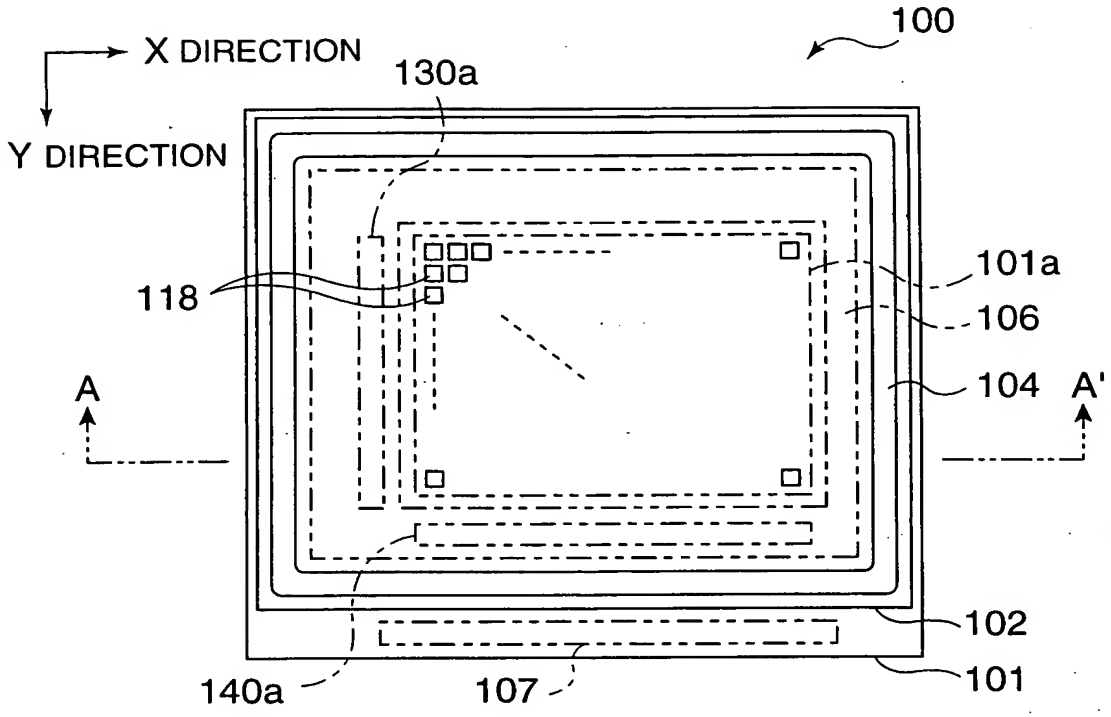


FIG.18

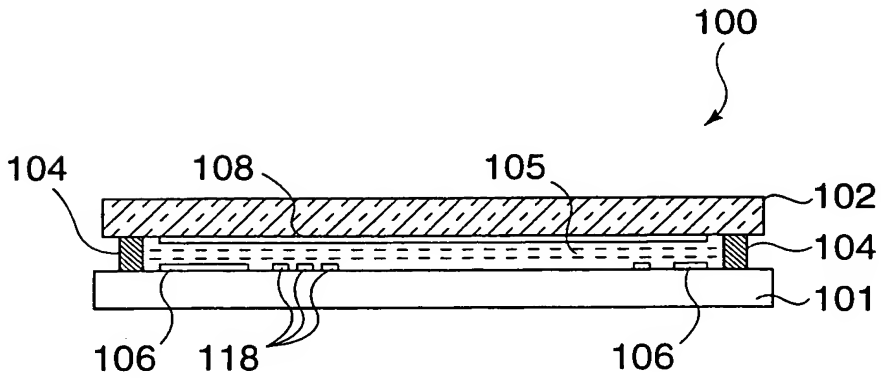


FIG.19

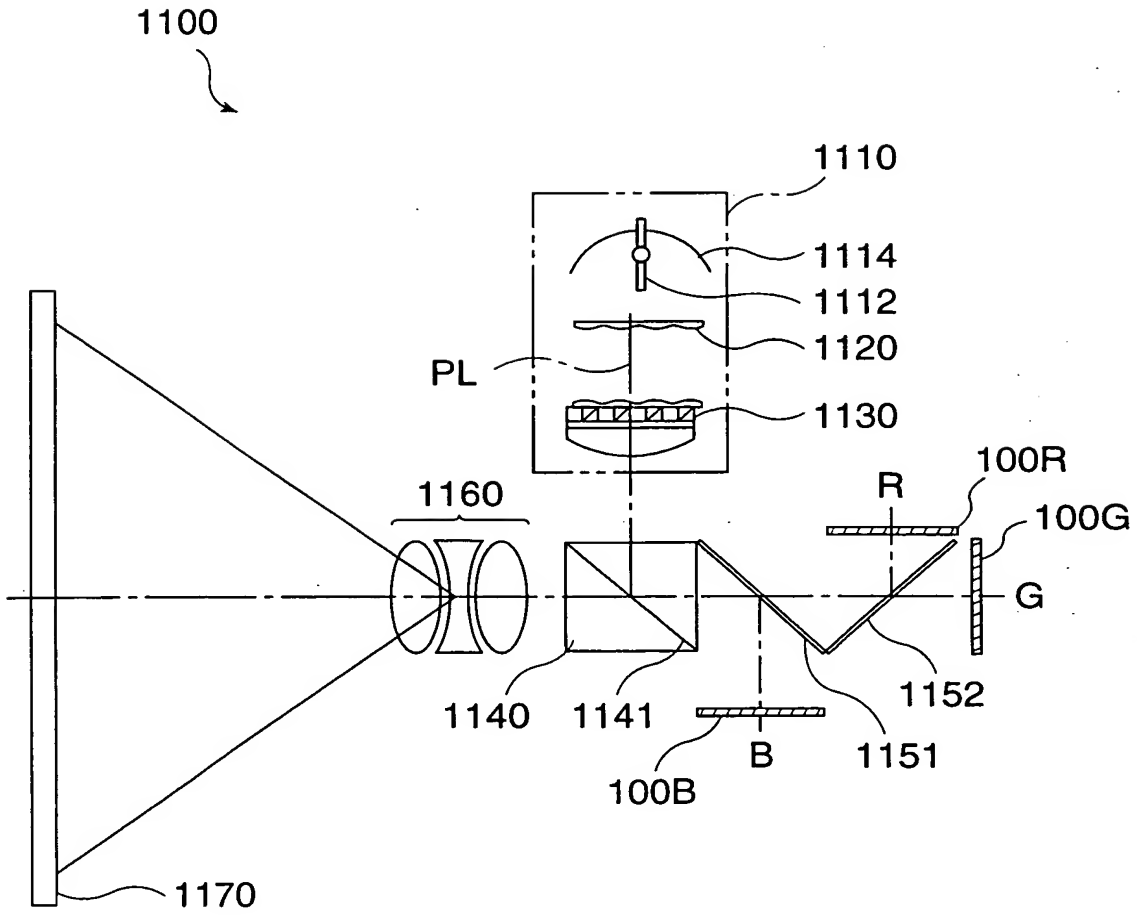

1100
1110
1114
1112
1120
PL
1130
100R
R
1160
100G
G
1140
1141
1152
B
1151
100B
1170

FIG.20

20071207.0744.0002

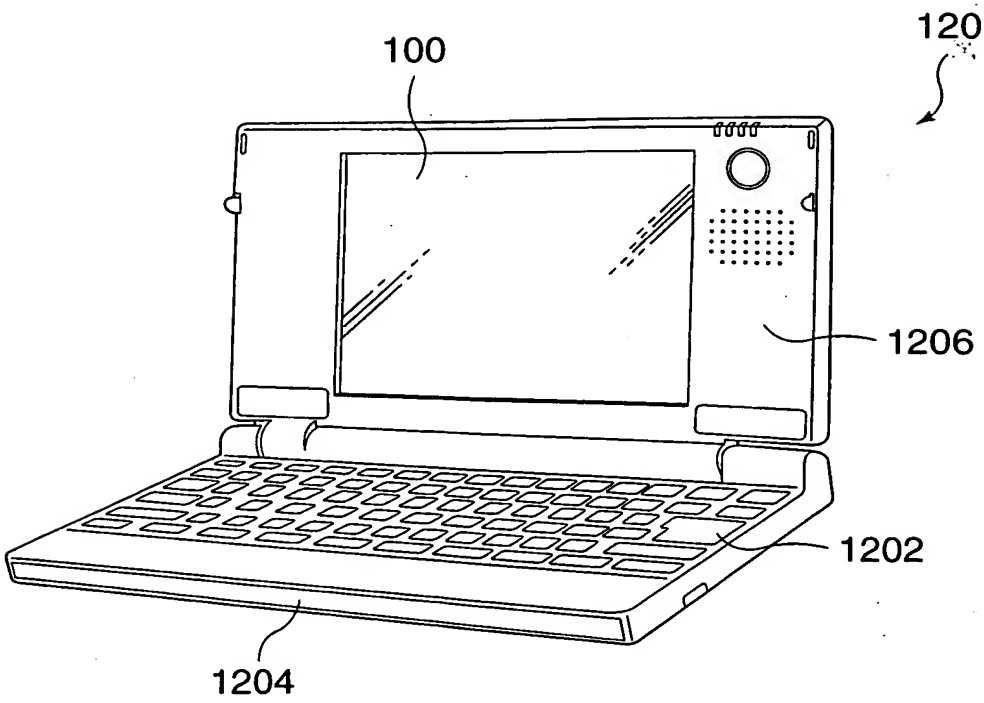


FIG.21

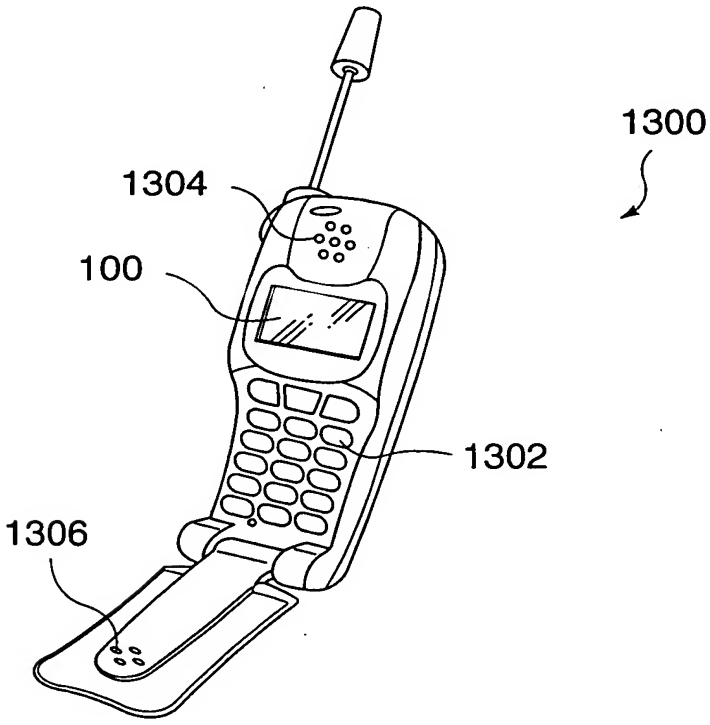


FIG.22

2007-07-20 Thu 2:00:07 PM

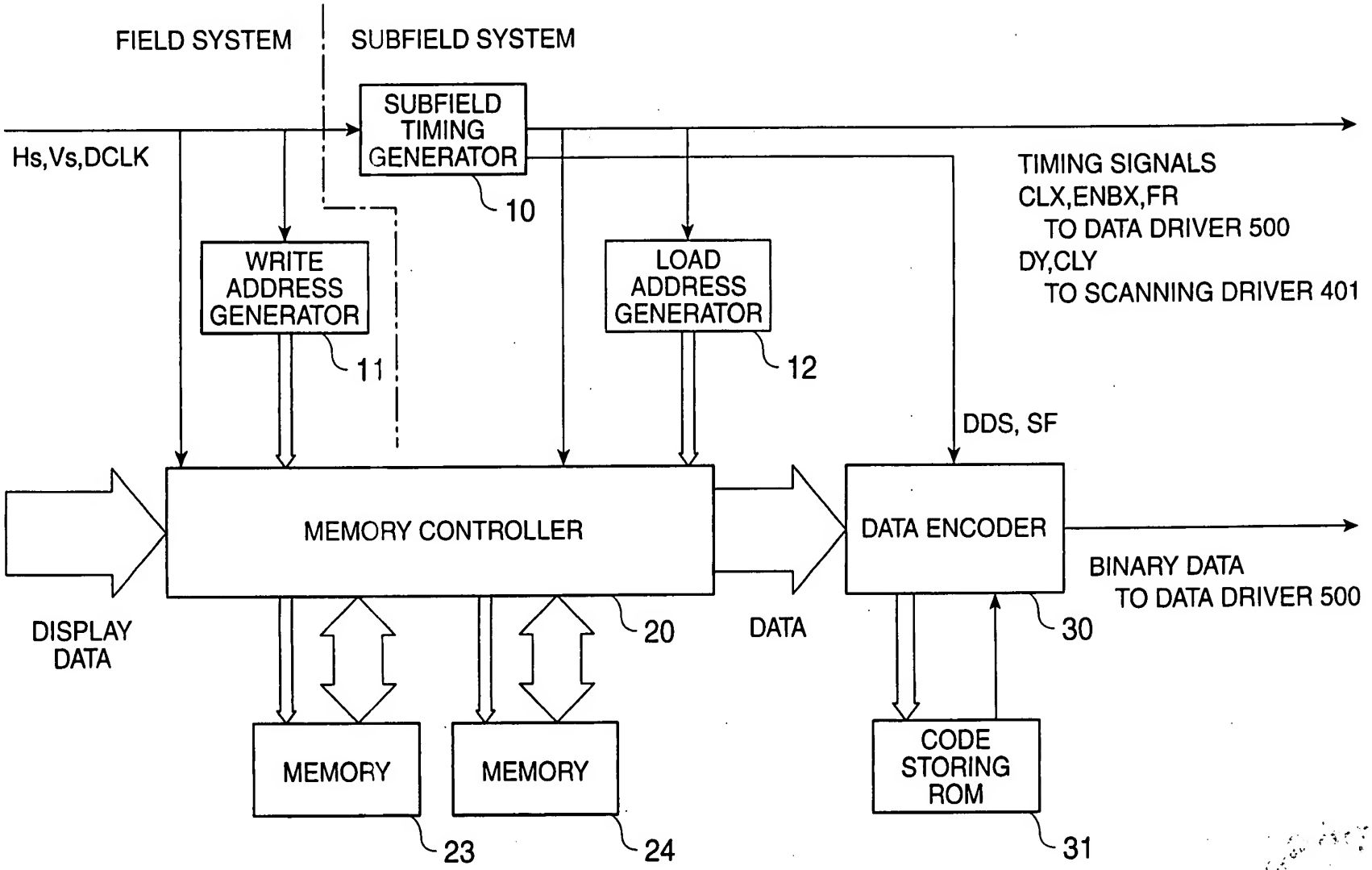
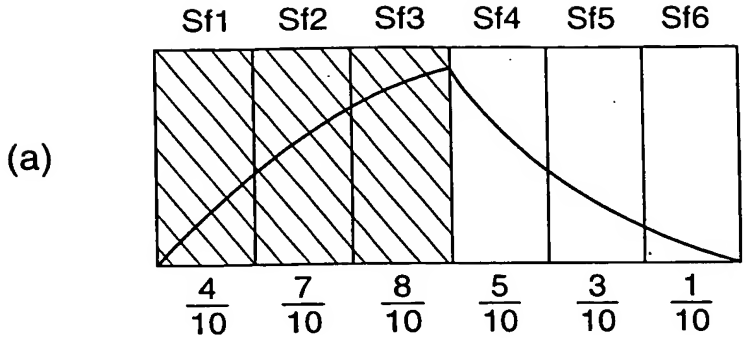
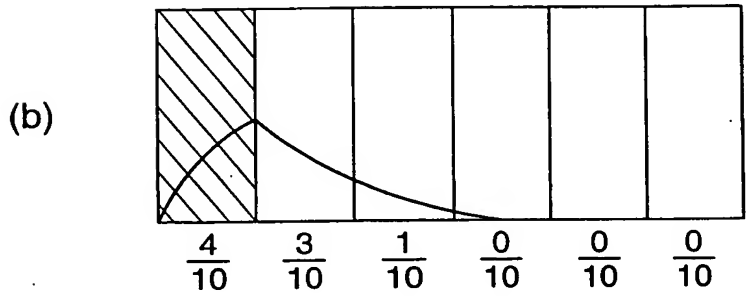
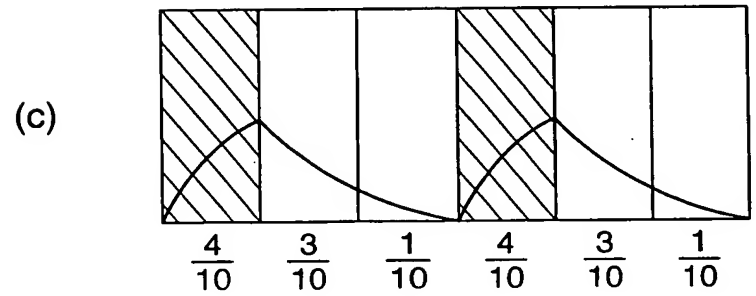


FIG.23

2004-07-29 14:52:44 1006244







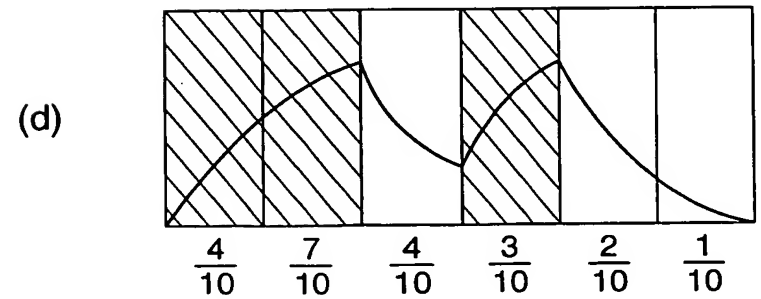


FIG.24

1006244 '07.10.02

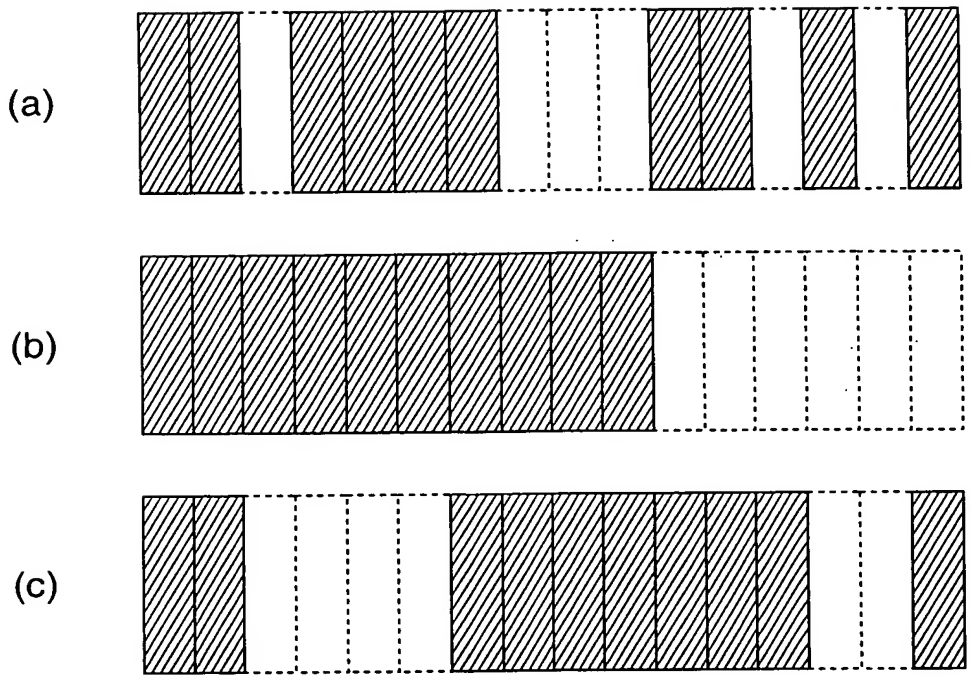


FIG.25